

Audit of Parenteral Nutrition	
<i>S.P. Allison</i>	1
Home Parenteral Nutrition in Adults: a Multicentre Survey in Europe	
<i>B. Messing, P. Landais, B. Goldfarb and M. Irving</i>	3
Home Parenteral Nutrition: Effect on Patients' Lifestyle	
<i>M. Malone</i>	11
Elective Nutritional Support after Major Surgery: a Prospective Randomised Trial	
<i>A. M. J. Woolfson and J. A. R. Smith</i>	15
Pre-operative Parenteral Nutrition in Patients with Oesophageal Cancer: a Prospective, Randomised Clinical Trial	
<i>S. T. Fan, W. Y. Lau, K. K. Wong and Y. P. M. Chan</i>	23
Organ Changes in Pigs After Longterm Parenteral Nutrition	
<i>K. Nordstrand, T. J. Eide, S. M. Almdahl, O. Rokke and E. Giercksky</i>	29
Anorexia in Cancer Patients: Prevalence and Impact on the Nutritional Status	
<i>F. Bozzetti, E. Agradi and E. Ravera</i>	35
Proposal of a New Formula to Calculate Total Urinary Nitrogen from Urea Urinary Nitrogen	
<i>A. Palmo, L. Ombra, P. Massarenti, A. De Nicola, L. Gavassa, F. Veglia and F. Balzola</i>	45
Non-Protein Energy Source in Parenterally fed Weanling Rats Influences Growth, Body Composition, and Skeletal Muscle Protein Turnover	
<i>S. A. Ash, G. E. Griffin and M. J. Stock</i>	49
ESPEN News	
<i>Book Reviews</i>	59
Clinical Nutrition Bibliography prepared by the University of Sheffield Biomedical Information Service	
Are Branched Chain Amino-acids Beneficial For Nutrition of Severe Surgical Patients with Sepsis?	
<i>M. Freysz, B. Caillard, J. Desgres, C. Godbille, G. Dupont, H. Rombi and M. Wilkening</i>	61
Folic Acid Deficiency in Intensive Care Patients: Comparison Between Two Regimens of Supplementation	
<i>J.-M. Boles, B. J. Garo, J.-F. Morin and M. A. Garre</i>	69
The Effect of Intravenous Administration of Fat Emulsion on the Flow Rate and Composition of Thoracic Duct Lymph in the Dog	
<i>M. Anděl, M. Nožičková and V. Bartoš</i>	75
The Effect of a Fat Emulsion on some Common Clinical Chemical Analyses	
<i>H. von Schenck, C. Lenmarken and J. Larsson</i>	79
Adverse Effects of High Dose Carnitine Supplementation of Total Parenteral Nutrition on Protein and Fat Oxidation in the Critically Ill	
<i>M. Roulet, C. Pichard, C. Rössle, E. Bretenstein, Y. Schutz, R. Chiolero, P. Fürst and E. Jéquier</i>	83
Assessment of Oxygen-Consumption by use of Reverse Fick-Principle and Indirect Calorimetry in Critically Ill Patients	
<i>B. Schneeweiss, W. Druml, W. Graninger, G. Grimm, G. Kleinberger, K. Lenz and A. Lagger</i>	89
Platelet Aggregation and Erythrocyte Deformability in Surgical Patients Under Total Parenteral Nutrition	
<i>D. Piccolboni, F. Benvenuto, L. La Rocca, A. Adiletta and E. Manca</i>	95
Rehabilitation of Microsomal Enzymes in Malnourished Rats: Comparison of Parenteral Versus Oral Refeeding	
<i>H. Fouin-Fortunet, J. Delarue, F. Rose, J. P. Deschalliers, F. Sauger, E. Lerebours, P. Denis, M. O. Besnier, J. Y. Wessely and R. Colin</i>	101

Effects of Xylitol Versus Glucose on Urea Synthesis and Alanine Metabolism in Rats	109
<i>B. A. Hansen, T. P. Almdal and H. Vilstrup</i>	
Book Reviews	113
Clinical Nutrition Bibliography prepared by the University of Sheffield Biomedical Information Service	
Intravascular Metabolism of Fat Emulsions: THE ARVID WRETLIND LECTURE, ESPEN 1988	
<i>Y. A. Carpenter</i>	115
APO E Polymorphism and the Removal of Remnants of Triglyceride-Rich Lipoproteins in Normolipidemic Subjects During a Carbohydrate-Rich Diet	
<i>B. J. Brenninkmeijer, P. M. J. Stuyt, P. N. M. Demacker, A. F. H. Stalenhoef and A. van't Laar</i>	127
The Metabolic and Cardiovascular Effects of Intravenous Infusion of Glucose or Intralipid in Normal Humans	
<i>I. W. Fellows, T. Bennett and I. A. Macdonald</i>	135
Plasma Clearance of Intravenous Fat Emulsion in Acute Bacterial Infections	
<i>B. Åkerlund, J. Nordenström, L. Måansson-Morfeldt and C. Jarstrand</i>	141
Intralipid Removal from Plasma of Uraemic and Intensive Care Patients	
<i>A. Lindh, B. Hylander and S. Rössner</i>	145
Effect of Carnitine Supplemented TPN on Turnover and Muscle Utilisation of Free Fatty Acids in Patients with Persistent Post-operative Infection	
<i>M. Soop, E. Forsberg, A. Thörne, G. Cederblad, L. Hagenfeldt and J. Wahren</i>	151
The Role of Objective Measurement of Skeletal Muscle Function in the Pre-Operative Patient	
<i>M. R. Zeiderman and M. J. McMahon</i>	161
Factors Affecting the Stability of Nutritional Emulsion Mixtures	
<i>J. C. Shelton, A. Smith and I. R. Thrussell</i>	167
The Prevention of Plasticizer Migration into Nutritional Emulsion Mixtures by Use of a Novel Container	
<i>A. Smith, I. R. Thrussell and G. W. Johnson</i>	173
Clinical Nutrition Bibliography prepared by the University of Sheffield Biomedical Information Service	
A Randomised Study of Central versus Peripheral Intravenous Nutrition in the Perioperative Period	
<i>E. Hoffmann</i>	179
Incidence of Phlebitis in Peripheral Parenteral Nutrition: Effect of the Different Nutrient Solutions	
<i>M. Bayer-Berger, R. Chioléro, J. Freeman and B. Hirschi</i>	181
Low Catheter Sepsis Rate in a Hospital-wide Nutrition Support Service	
<i>B. Lee and R. W. S. Chang</i>	187
Septicemias in Cancer Patients during Parenteral Nutrition: Contributing Factors and Detection by Weekly Blood Cultures	
<i>J. J. Body, V. Richard, J. C. Pector, A. Lemaire, S. Deshpande, E. Verheyen, A. Borkowski and F. Meunier</i>	191
Prognostic Ability of Nutritional Assessment Methods in Surgical Cancer Patients	
<i>M. Graga, P. Baccari, G. Radaelli, V. DiCarlo L. Gianotti and M. Cristallo</i>	197
Predictability of Deterioration in Marginally Malnourished Cancer Patients during Hospitalisation	
<i>E. Ravera, F. Bozzetti and G. Radaelli</i>	203
Effects of Dietary Protein Content on Weaning from the Ventilator	
<i>B. van den Berg, H. Stam and W. C. J. Hop</i>	207
Effects of Glucose-Insulin-Potassium Infusion on Glycogen Levels in Cardiac and Skeletal Muscles in Rats	
<i>O. Reikerds and K. Nordstrand</i>	213
A Computerised Program for T P N	
<i>A. Arullani and C. Cappello</i>	217
Book Review	221

Clinical Nutrition Bibliography prepared by the University of Sheffield Biomedical Information Service	
Clinical and Experimental Effects of Medium-chain-triglyceride-based Fat Emulsions—A Review	223
A. C. Bach, A. Frey and O. Lutz	
Muscle Alkali-soluble Protein, Carnitine, Water and Electrolytes in Patients with Persistent Post-operative Infection	223
M. Soop, E. Forsberg, A. Thörne, G. Cederblad, J. Bergström, A.-M. Forsberg and E. Hultman	237
The Influence of Nutritional Status on Skin Anergy in Experimental Cancer	247
D. Waitzberg, E. Gonçalves, A. da Silva Duarte, J. Faintuch, C. Rocha and L. Bevilacqua	
Cell-mediated Immunity in Anorexia Nervosa Augmented Lymphocyte Transformation Response to Concanavalin A and Lack of Increased Risk of Infection	247
O. H. Bentdal, S. S. Froland and S. Larsen	253
Effect of Zinc on the Immune Status of Zinc-depleted AIDS Related Complex Patients	259
J. F. Zazzo, B. Rouveix, P. Rajagopal, M. Levacher and P. M. Girard	259
Organ Sequestration of ^{65}Zn During Experimental Sepsis	263
U. Srinivas, T. Ohlsson, L. Hallstadius, L. Hansson, M. Abdulla, S.-E. Strand and B. Jeppsson	
Subclinical Riboflavin Deficiency is Associated with Outcome of Seriously Ill Patients	263
S. D. Shenkin, A. M. Cruickshank and A. Shenkin	269
A Device to Perform Percutaneous Cervical Pharyngostomy (PCP) for Enteral Nutrition	273
G. Gaggiotti, P. Orlandoni, G. Boccoli, S. G. Caporelli, I. Patrizi and N. Masera	
Book Reviews	277
Correspondence Section	278
Clinical Nutrition Bibliography prepared by the University of Sheffield Biomedical Information Service	
Sir David Cuthbertson: a Tribute to Greatness	279
J. M. Kinney	
Nutrition, the Gastrointestinal Tract and the Acquired Immune Deficiency Syndrome. Facts and Perspectives	281
P. Singer, M. M. Rothkopf, V. Kvetan, J. Gaare, L. Mello and J. Askanazi	
The Utilisation of Peripherally-Administered Intravenous Nutrient Solutions	289
D. T. Hansell, J. W. L. Davies, A. Shenkin, O. J. Garden and H. J. G. Burns	
Comparison of Various Predictive Formulae for the Estimation of Resting Energy Expenditure	299
D. T. Hansell, J. W. L. Davies, E. M. Gisbey, W. H. Gilmour and H. J. G. Burns	
Evaluation of a Trace Element Preparation in Patients Receiving Home Intravenous Nutrition	307
M. Malone, A. Shenkin, G. S. Fell and M. H. Irving	
Clinical Effects and Adequacy of a New All-in-one Dextrose-electrolyte-trace Element Preparation in patients on Prolonged TPN	313
P. I. Mansell, S. P. Allison, H. Vardey, G. S. Fell and A. Shenkin	
Parenteral Nutrition in Patients with Liver Cirrhosis. Effects on Circulating Levels of Glucose and Hormones and on Cerebral Function	321
U. Johansson, L. Hagenfeldt, A. Persson and L. Siw Eriksson	
Minimum Protein Requirements in Liver Cirrhosis Determined by Nitrogen Balance Measurements at Three Levels of Protein Intake	329
G. R. Swart, J. W. O. van den Berg, J. K. van Vuuren, T. Rietveld, D. L. Wattimena and M. Frenkel	
Interrelationship between Glucose and Fat Utilisation during Simultaneous IV Administration of Glucose and Lipid Emulsion in Healthy Man	337
T. Pelikánová, M. Anděl, M. Kohout, J. Válek and L. Kazdová	
Muscle Carnitine Pools in Cancer Patients	341
C. Rössle, C. Pichard, M. Roulet, J. Bergstrom and P. Furst	

**Resting Energy Expenditure in patients with Isolated Head Injuries and Spontaneous
Intracranial Haemorrhages**

J. Pieck, Th. Zanke, C. Sprick and W. J. Bock

347

ESPEN News

353

Subject Index

355

Author Index

359

**Clinical Nutrition Bibliography prepared by the University of Sheffield Biomedical
Information Service**

Churchill Livingstone 
